

USB Phone Quick Start Guide

Using your new USB Phone is easy. Simply plug the phone into any empty USB port on your computer. Your computer should automatically recognize the phone as a new audio device with Human Interface Device (HID) support.

Selecting the Default Audio Device

Generally, the Windows operating system will automatically select any new audio device as the new default audio device. This may or may not be your preference, depending how you use your computer. You may prefer to have your normal computer sounds directed to your current audio device, rather than the speaker on the phone, and only use the audio functionality in the phone for Voice over IP (VoIP) calls.

To change the default audio device in Windows, open the Control Panel and select “Sounds and Audio Devices” and select the “Audio” tab. You should see a window similar to that in Figure 1.

Notice that the default device for sound playback is currently set to “Generic USB Audio Device.” This is the name that Windows assigns the USB phone. To change your default audio device to your original sound card, simply click on the drop-down list box and select your preferred device. You may want to do the same for the sound recording devices, particularly if you have a microphone already connected to your current sound card.

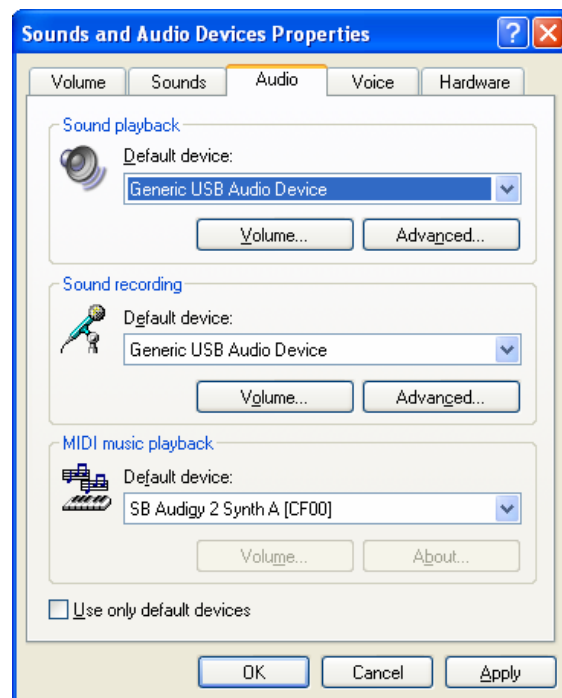


Figure 1 - Sounds and Audio Devices

After you have selected your desired default playback device, simply press “OK” to close the dialog box.

Selecting the USB Phone in Skype

Upon installation, Skype will use the default Windows audio device for phone calls. If you plug the USB phone into the computer and do not make any changes, it should work right away. However, if you changed your default audio device as described in the previous section, you will need to tell Skype which audio device to use for phone calls.

To do that, open Skype and select “Options” from the “Tools” menu. When the options window opens, click on “Sound Devices”. You should see a window similar to that in Figure 2.

Notice that the “Audio In” option and “Audio Out” option are set to the Windows default device. To select the USB phone, click on the drop-down list box and select “Generic USB Audio

Device” both for the “Audio In” and “Audio Out” options.

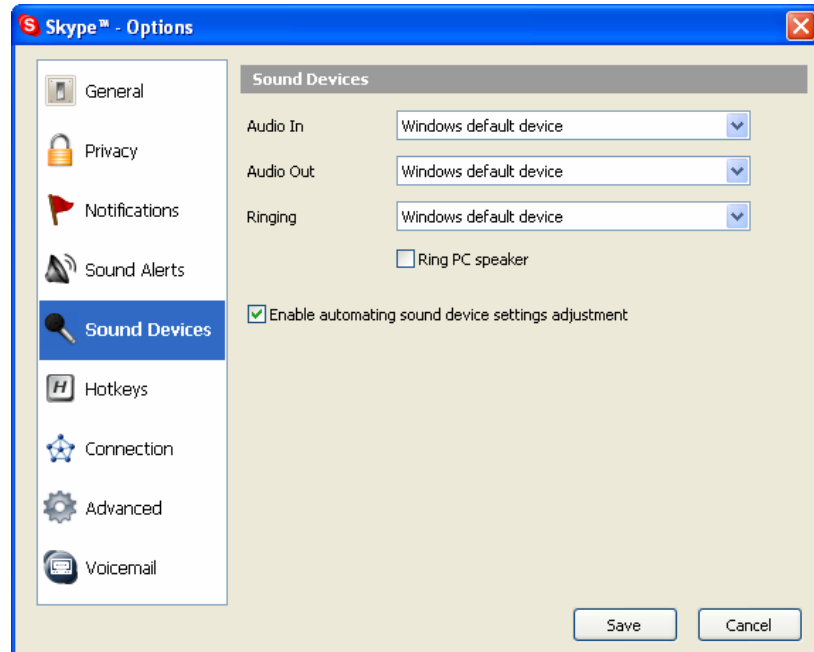


Figure 2 - Skype Sound Device Settings

If you prefer to hear incoming phone ringing on your USB phone, you may also change the “Ringing” option. Generally, it is recommended to allow ringing sounds to go to your default audio device so that they can be heard better from a distance.

Using the USB Phone Volume Control

The USB Phone has a volume control button just above the center of the phone that has an arrow pointing up (for increasing the volume) and an arrow pointing down (for decreasing the volume). Microsoft’s USB Audio Driver intercepts this button and controls the audio for the default windows audio device. So, if your default audio device is not the USB Phone, pressing this button will not control the volume on the phone, but will control the volume on the default audio device.

Using the USB Dialer

The keypad on the phone may be used to dial phone numbers in some VoIP applications. Some VoIP applications may have support for the phone integrated. However, most applications do not and a helper application (called the “USB Dialer”) is required.

You can download the USB Dialer from the Packetizer web site, which provides support for a number of popular VoIP applications on Windows. **Presently, there is no USB Dialer application available for the OS X platform.**

When the USB Dialer is started, it will appear in the task tray as shown in Figure 3. To use the USB Dialer with your VoIP application, click on the dialer and select “Open ATCOM USB DIALER”.



Figure 3 - USB Dialer Task Tray Icon

When the USB Dialer is opened, you will see an option to have the program automatically run when the system starts. If you often use the keypad on the phone, it may be desirable to select this option.

The only other option in the dialer is a drop-down list box that allows you to select your VoIP application. Choose the VoIP application with which you would like the USB Dialer to communicate.



Figure 4 - USB Dialer

If you do not see your application listed, then that means the USB Dialer does not support your VoIP application. Check your application documentation to see it has support for the ATCOM AU-100 integrated already.

Using the Keypad with Skype

Most users will find that the keypad is not terribly good for dialing most friends in Skype, simply because Skype uses usernames, rather than numbers, for users. However, if you frequently use the SkypeOut service to call regular phone numbers you may find the keypad very useful.

Pressing any key on the USB Phone while the USB Dialer is running and when the USB Dialer is associated with Skype will bring Skype to the foreground, even if it was minimized in the task tray. Subsequent key presses will be sent to the Skype application.

To move between the Contacts tab, Dial tab, and other tabs in Skype, press the # key on the phone.

To dial a phone number, first enter 00 on the USB Phone, followed by the country code and phone number. For example, to call +1 408 555 4455, you would press “0014085554455”. You should see these digits appear in the Skype application. (Normally, phone numbers are prefixed with a “+” when dialing from the PC keyboard in Skype, but “00” is also supported for the benefit of USB Phone users).

If you make an error while entering a number, simply press “*” to erase the last digit entered.

When you’ve entered the entire number, press the green button on the USB Phone to place the call.

If you dial an invalid number, Skype will show a dialog box with an error. To close the dialog box, simply press the red “hang-up” button on the USB Phone.

Note that during a phone conversation, if you need to send DTMF tones, you may also use the USB Phone. However, the Dial tab should be visible, as Skype will not transmit DTMF digits when a different tab is selected. Use the # key to navigate between tabs as necessary. Note: Since some services require you to dial # (e.g., to end a recording on some voicemail systems), you will need to dial the # using the Skype application itself, rather than the USB Phone, since the # key on the USB Phone is used to move between tabs.

When you are finished talking and want to end the phone call, simply press the red “hang-up” button to end the call.

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